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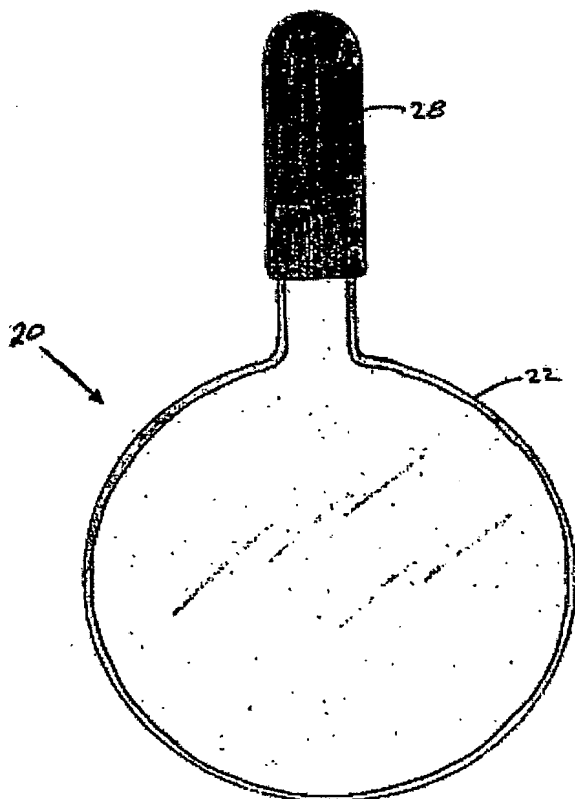
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(54) Title: SELF-CONTAINED CELL CULTURE APPARATUS AND METHOD OF USE



(57) Abstract: A self-contained cell culture apparatus and method of use in which a cell culture may be stored frozen for an extended period, then thawed, incubated and grown in a closed system without additional processing or added constituents. The apparatus and method readily lend themselves to automated handling and analysis by MEMS devices, and find particular application in micro gravity and/or high radiation environments. It is emphasized that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope of the claims.



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